| Please type a plus sign (+) inside this box - |) |
|---|----------|
|---|----------|

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are regulred to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of Sheet

| Complete if Known | | | | |
|------------------------|-------------------|-------------|--|--|
| Application Number | 10/083,032 | | | |
| Filing Date | February 26, 2002 | | | |
| First Named Inventor | H. Brock Kolls | | | |
| Group Art Unit | 2164 | | | |
| Examiner Name | | | | |
| Attorney Docket Number | USA-010-03 | | | |

| | | | | U.S. PATENT DOC | UMENTS | |
|-----------------------|---------------------------------------|-------------|------------------------------|---|--|--|
| Examiner Initials' | Cite No.1 | U.S. Patent | Code ² (if known) | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| ST | | 6,505,095 | | Kolls | 01-07-2003 | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | - | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | · | |
| | · · · · · · · · · · · · · · · · · · · | | | | | ECEIVED |
| * 1 | • | | | | | JAN 1 7 and |
| | | | | | | 1 2003 |
| | | <u> </u> | - | | G | ROUP REND |
| | | | | | | |
| | | | | | | |
| | | 4 | | | | |

| | • | | | FORE | IGN PATENT DOCUMENT | rs · | | |
|-----------|--------------|---------------------|-------------------------|--------------------------------------|---------------------------------------|------------------------------|--|----------------|
| Examiner | Cito | F | Foreign Patent Document | | Name of Patentee or | Date of Publication of | Pages, Columns, Lines, Where Relevant | |
| Initials* | Cite No.1 | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | Applicant of Cited Document | Cited Document MM-DD-YYYY | Passages or Relevant Figures Appear | 1 _e |
| | ب | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | 4 |
| | | | | | <u> </u> | | · | |
| | | | | | · · · · · · · · · · · · · · · · · · · | ļ | | igspace |
| | | | | | | | | |

| Examiner /Scott Trotter/ | Date Considered | 02/08/2007 |
|----------------------------|--------------------|------------|

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as Indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| ise type a plus sign der <u>the Paperwork</u> | | | | U.S. Patent and Trademan | PTO/SB/08A (08-00) d for use through 10/31/2002. OMB 0651-0031 k Office: U.S. DEPARTMENT OF COMMERCE unless it contains a valid OMB control number. | | _ |
|--|------------------------|----|---|--------------------------|--|-----|----|
| Substitute fo | or form 1449A/PT | 0 | | Col | mpl te if Kn wn | اج | 77 |
| | | | | Applicati n Number | | Jos | |
| INFOR | RMATION | DI | SCLOSURE | Filing Date | February 26, 2002 | Po | 2 |
| STAT | STATEMENT BY APPLICANT | | TATEMENT BY APPLICANT First Named Inventor H. Brock Kolls | | | | |
| | | | | Group Art Unit | | | 3 |
| (use as many sheets as necessary) | | | s necessary) | Examiner Name | | Ţυ | |
| Sheet | 1 | of | 1 | Attorney Docket Number | USA-010-03 | | |

| | | | | U.S. PATENT DOCI | JMENTS | |
|----------------------|--------------|-------------------------|------------------------|---|--|--|
| Examiner nitials* | Cits No.1 | U.S. Patent Number | Kind Code ³ | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Cotumns, Lines, Where Relevant Passages or Relevant Figures Appear |
| ST | | 6,181,981B1 | (If known) | Varga et al | Jan. 30, 2001 | Figures Appear |
| | | | | | | |
| | | | | | | |
| | | | | | | · |
| | <u></u> | - | | | + | |
| | - | | | | | |
| | | | | | - | , |
| | | | + | | 1 | |
| | | | | - | | |
| | | | | | · | |
| | | | | | | |
| | | | | , | | |
| | | | | | | · ' |
| | | | | | | <u>,</u> |
| | | | | | + | |
| | | | | | | |
| | _ | | 1 1 | · · · · · · · · · · · · · · · · · · · | | |
| | | | | | | |

| Pages, Columns, Lines, Where Relevant Passages or Relevant Flaures Appear | To |
|--|-----|
| Passages or Relevant | ₽ |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | - 7 |
| | |

| Examiner | /Scott Trotter/ | Date | 02/09/2007 |
|-----------|-----------------|------------|------------|
| Signature | /Scott Hottel/ | Considered | 02/09/2007 |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

| Please type | e a plus | sian (+) | inside t | his box | → | 1 |
|-------------|----------|----------|----------|----------|----------|---|
| loase type | o a proc | 9911(1) | niamo : | 1110 000 | _ | T |

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of

| Complete if Known | | | | |
|------------------------|-------------------|--|--|--|
| Application Number | 10/083,032 | | | |
| Filing Date | February 26, 2002 | | | |
| First Named Invent r | H. Brock Kolls | | | |
| Group Art Unit | 2164 | | | |
| Examiner Name | | | | |
| Attorney Docket Number | USA-010-03 | | | |

| | | | U.S. PATENT DOCL | JMENTS - | |
|--------------|----------------------|---|---|--|---|
| Cite No.1 | U.S. Paten Number | Kind Code ² | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | 5,844,808 | | Konsmo et al. | 12-01-1998 | |
| | 5,955,718 | | Levasseur et al. | 09-21-1999 | |
| | 5,959,869 | | Miller et al. | 09-28-1999 | |
| | 6,119,053 | | Taylor et al. | 09-12-2000 | |
| | 6,339,731 | | Morris et al. | 01-15-2002 | |
| | 6,427,912 | | Levasseur | 08-06-2002 | |
| | 6,462,644 | | Howell et al. | 10-08-2002 | |
| | 6,457,038 | | Defosse | 09-24-2002 | |
| | | | | | |
| | | | | | ENTED |
| | | | | REU | 5 d 5005 |
| | | | | NO | 3600 |
| | | | | GR | |
| | No.1 | Cite No.1 Number 5,844,808 5,955,718 5,959,869 6,119,053 6,339,731 6,427,912 6,462,644 | No.1 Number (it known) 5,844,808 5,955,718 5,959,869 6,119,053 6,339,731 6,427,912 6,462,644 | Cite No.1 | Cite No.1 Number Kind Code3 (it known) Name of Patentse or Applicant of Cited Document Cited Document MM-DD-YYYY 5,844,808 Konsmo et al. 12-01-1998 5,955,718 Levasseur et al. 09-21-1999 5,959,869 Miller et al. 09-28-1999 6,119,053 Taylor et al. 09-12-2000 6,339,731 Morris et al. 01-15-2002 6,427,912 Levasseur 08-06-2002 6,462,644 Howell et al. 10-08-2002 6,457,038 Defosse 09-24-2002 |

| | | • | | FOR | EIGN PATENT DOCUMENT | rs | | |
|-----------------------|--------------------------|---------------------|---------------------|--------------------------------------|-----------------------------|---------------------------|--|----|
| Examiner Initials* | Oite (| F | oreign Patent Do | | Name of Patentee or | Date of Publication of | Pages, Columns, Lines, Where Relevant | |
| | Cite No. ¹ | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | Applicant of Cited Document | Cited Document MM-DD-YYYY | Passages or Relevant Figures Appear | Ţ¢ |
| | | | • | | | | · . | — |
| | | | | | | | | +- |
| • | | | | | | | | + |
| | | | | | | | | 工 |
| | | | | | | | | |
| | | | | | * | · | | + |
| | | | | | | | | 十 |
| | | | | | | | | |

| 4 | The second secon | | |
|-----------|--|------------|------------|
| Examiner | | Date | |
| Signature | /Scott Trotter/ | Considered | 02/08/2007 |

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

DEC. 0 6 700 Rease type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE be Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

| Complete if Known | | | | | | |
|------------------------|-------------------|-------------|--|--|--|--|
| Application Number | 10/083,032 | | | | | |
| Filing Date | February 26, 2002 | | | | | |
| First Named Inventor | H. Brock Kolls | | | | | |
| Group Art Unit | 2164 | | | | | |
| Examiner Name | | | | | | |
| Attorney Docket Number | USA-010-03 | | | | | |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|--------------------------|-----------------------|------------------------------|---|--|--|
| xaminer nitials* | Cite No. ¹ | U.S. Patent Number | Code ² (if known) | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY . | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| ST | | US-6,595,41 | 6 | Newsome et al. | 07-22-2003 | • |
| S: | 7 | US-6,574,60 | 3 | Dickson et al. | 06-03-2003 | |
| ST | | US-6,109,52 | 4 | Kanoh et al. | 08-29-2000 | |
| S'I | | US-5,791,44 | 9 | Deaville et al. | 08-11-1998 | |
| ST | | US-5,628,35 | 1 | Ramsey et al. | 05-13-1997 | |
| S | Ţ | US-5,596,50 |)1 | Comer et al. | 01-21-1997 | |
| ST | | US-5,273,18 | | Tuttobene | 12-28-1993 | |
| | | | | | | |
| |) | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | ĺ | | | | |
| | | | | | | |
| | • | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | | |
|--------------------------|--------------|---------------------|---------------------|--------------------------------------|-----------------------------|------------------------------|--|------------------------|--|
| Examiner Initials* | Cite No.1 | | F | oreign Patent Do | cument | Name of Patentee or | Date of Publication of | Pages, Columns, Lines, | |
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | Applicant of Cited Document | Cited Document MM-DD-YYYY | Where Relevant Passages or Relevant Figures Appear | T | |
| | | | | | | | | ↓_ | |
| | | | | | | | | \perp | |
| | ··· | \vdash | | | | <u> </u> | | +- | |
| | | | | | | | | ┿ | |
| | | | | | | | | ╁ | |
| | | | | | | | | ╅ | |
| | | | | | | | | | |
| | • | | | | | | | | |
| | | | | | | | | | |

| Examiner Signature | /Scott Trotter/ | Date Considered | 02/08/2007 |
|-----------------------|-----------------|--------------------|------------|
| Signature | | 00113100100 | |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08a (05-03)

Approved for use through 04/30/2003. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Complete if Known

the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

10/083,032 Filing Date February 26, 2002 First Named Inventor H. Brock Kolls Art Unit 2164 **Examiner Name**

(Use as many sheets as necessary) **Attomey Docket Number** USA-010-03

| | | | U. S. PATENT | DOCUMENTS | |
|---|--------------------------|--|---------------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ^{2 (f known)} | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| ST | | ^{US-} 6,430,268 B1 | 09-06-2002 | Petite | |
| ST | | US- 60/264,752 | 01-29-2001 | Danis | |
| ST | | ^{US-} 60/350,180 | 10-26-2001 | LCUAKE ET AL | |
| ST | • | ^{US-} 60/311,519 | 08-09-2001 | Powell | |
| ST | | ^{US-} 2003/0050841 A1 | 03-13-2003 | Preston et al. | |
| ST | • | ^{US-} 2002/0156727 A1 | 10-24-2002 | LeVake et al. | • |
| , | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | A | • |
| • | | US- | | 720 | • |
| *************************************** | • • | US- | | | · · · · · · · · · · · · · · · · · · · |
| *************************************** | • | US- | | APD | |
| , | | US- | | BD 721 | |
| ··· ·· · · · · · · · · · · · · · · · · | | US- | | 101, 2000 | |
| | | US- | | | |
| | | US- | · | 060- | • |
| | | US- | · · · · · · · · · · · · · · · · · · · | + | ************************************** |

| | FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--|--------------------------|--|---|--|----------------------------|---|--|--|--|
| Examiner Initials* | Cite No. | Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Applicant of Cited Document Where Relevant Passa | | | | | |
| • | | Zamay Coda Name: Name Code (n known) | | | or Relevant Figures Appear | - | | | |
| 77 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | *************************************** | | | | | | | |
| , | ·** | , | *************************************** | ••••••••••••••• | | | | | |
| | | *************************************** | | · · · · · · · · · · · · · · · · · · · | | L | | | |
| | | | | | | | | | |

Examiner Date 02/08/2007 Signature /Scott Trotter/ Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.